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Application Number **TRANSMITTAL** Filing Date

10/771,079 **FEBRUARY 3, 2004 FORM** First Named Inventor Frederick B. GROWCOCK et al. Art Unit Not Known Yet (to be used for all correspondence after initial filing) **Examiner Name** Not Known Yet Total Number of Pages in This Submission Attorney Docket Number 2223-04401

ENCLOSURES (check all that apply)											
Fee Transmittal Form	Drawing(s)	After Allowance Communication									
☐ Fee Transmittal Form ☐ Fee Attached ☐ Amendment/Reply ☐ After Final ☐ Affidavits/declaration(s) ☐ Extension of Time Request ☐ Express Abandonment Request ☐ Information Disclosure Statement ☐ Certified Copy of Priority Document(s) ☐ Response to Missing Parts/Incomplete Application ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53	 □ Drawing(s) □ Licensing-related Papers □ Petition □ Petition to Convert to a Provisional Application □ Power of Attorney, Revocation Change of Correspondence Address □ Terminal Disclaimer □ Request for Refund □ CD, Number of CD(s) Remarks	 □ After Allowance Communication to Group □ Appeal Communication to Board of Appeals and Interferences □ Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) □ Proprietary Information □ Status Letter ☑ Other Enclosure(s) (please identify below): PTO-1449 Form (1 p.); NINETEEN (19) Cited References; and Acknowledgement Postcard 									
SIGNATURE O	F APPLICANT, ATTORNEY,	OR AGENT									
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Individual Name	1 1 1										
Signature ////////////////////////////////////											
Date APRIL 27	APRIL 27, 2004										
CERTIFICATE OF TRANSMISSION/MAILING											
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: <i>Mail Stop: Patent Application, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450</i> on the date shown below.											
Typed or Printed Name Carolyn Ni											
Signature Ca	wolyn Wend Date	April 2004									

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

T(S):



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Frederick B. GROWCOCK

GROUP ART UNIT:

And Gerard A. SIMON

Not Known Yet

SERIAL NO.:

10/771,079

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EXAMINER:

FILED:

February 3, 2004

§ § §

Not Known Yet

FOR:

Stabilized Colloidal and

Colloidal-Like Systems

INFORMATION DISCLOSURE STATEMENT

Atty. Dkt. No.: 2223-04401

Date: April 29, 2004

Commissioner for Patents

P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement, including completed Form PTO-1449, comprises a list of pertinent art of which Applicants are aware. The submission of this Information Disclosure Statement and the references submitted herewith is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation, that no better art exists. Applicants hereby reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and the situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. § 102 or § 103.

As this Information Disclosure Statement is being filed pursuant to 37 C.F.R. § 1.97(b), no certification or fee is required. No Office Action on the merits has been received in the present application. Nonetheless, in the event that an Office Action dated prior to the mailing date of this Information Disclosure Statement has been issued, please charge Deposit Account 03-2769, Conley Rose, P.C., in the amount of \$180, so that this Information Disclosure Statement may be considered under Rule 1.97(c).

Respectfully submitted,

eslie V. Payne Reg. No. 38,267

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ATTORNEY/AGENT FOR APPLICANT(S)

Form PTO-1449 (Modified)					Atty. Docket No. 2223-04401		Serial No. 10/771,079						
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)					Applicants Frederick B. GROWCOCK et al.								
		MAY 0 3 2004	SE BA			Filing Date February 3, 2004		Group Not known yet					
REFERENCE I	DESIGNATION	COS PATENCO	CUMENTS										
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME		CLASS SUB- CLASS		FILING DATE IF APPROPRIATE					
	AA	2,818,230	12/31/1957	Davis		255	1.8	02/08/1954					
	AB	3,900,420	08/19/1975	Sebba		252	307	09/14/1972					
	AC	4,155,410	05/22/1979	Jackson, deceased et al.		175	66	06/26/1978					
	AD	4,486,333	12/04/1984	Sebba		252	307	03/23/1982					
	AE	5,314,644	05/24/1994	Michelsen et al.		261	84	10/19/1992					
	AF	5,881,826	06/16/1999	Brookey		175	72	02/13/1997					
-	AG	6,123,159	09/26/2000	Brookey et al.		175	72	07/24/1998					
	АН	6,148,917	11/21/2000	Brookey et al.		166	301	02/09/1999					
	AI	6,156,708	12/05/2000	Brookey et al.		507	102	02/09/1999					
	AJ	6,390,208 B1	05/21/2002	Brookey		175	72	05/07/1999					
	AK	6,422,326 B1	07/23/2002	Brookey et al.		175	72	06/09/2000					
FOREIGN PATENT DOCUMENTS													
		DOCUMENT NUMBER	DATE	COUNTRY	CLA	ASS	SUB- CLASS		Translation YES NO				
	AL	WO 98/36151	08/20/1998	WIPO	E21	B 21/14	C09K 7/00		YES				
OTHER ART (or, Title, Date, Per											
	AM	Article entitled: "Drill-In Fluids Improve High Angle Well Production," Supplement to the Petroleum Engineer International, March 1995.											
	AN	Article entitled: "Foams and Biliquid Foams - Aprhons," (Ch. 5, pp. 63-78) by Felix Sebba, John Wiley & Sons, 1987.											
	AO AP	Article entitled: "Hidraulica Forajului," translation: YES, pp. 444-455, October 26, 1982. Article entitled "Microbubbles: Generation and Interaction With Colloid Particles," J.B. Melville and E. Matijevic, Institute of Colloid and Surface Science and Department of Chemistry, Clarkson College of Technology, Potsdam, NY., pp. 217-235, 1975.											
	AQ	Article entitled "Separation of Organic Dyes From Wastewater by Using Colloidal Gas Aphrons," D. Roy, K.T. Valsarlj, and S.A. Kottai, Marcel Dekker, Inc., Separation Science and Technology, 27(5), pp. 573-589, 1992.											
	AR	SPE 39589 entitled "Microbubbles: New Aphron Drill-in Fluid Technique Reduces Formation Damage in Horizontal Wells," Tom Brookey, SPE, ActiSystems, Inc., Society of Petroleum Engineers, February 18-19, 1998.											
	AS	Article entitled "Treatability of Water-based Drilling Fluids Using Colloidal Gas Aphrons," D. Roy, K.T. Valsaraj, and V.J. Amedee, Department of Civil Engineering and Chemical Engineering, Louisiana State University, Fluid/Particle Separation Journal, Vol. 5, No. 1, pp. 31-36, March 1992.											
EXAMINER				DATE CONSIDERED									
													

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.